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List of Publications by Year
in descending order

62 papers	18,476 citations	147801 31 h-index	128289 60 g-index
103 all docs	103 docs citations	103 times ranked	17249 citing authors

#	Article	IF	Citations
1	<i>Caenorhabditis elegans</i> transposable elements harbor diverse transcription factor DNA-binding sites. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	0
2	New Roles for MicroRNAs in Old Worms. Frontiers in Aging, 2022, 3, .	2.6	1
3	Nuclear and cytoplasmic poly(A) binding proteins (PABPs) favor distinct transcripts and isoforms. Nucleic Acids Research, 2022, 50, 4685-4702.	14.5	9
4	Recovery from heat shock requires the microRNA pathway in Caenorhabditis elegans. PLoS Genetics, 2021, 17, e1009734.	3.5	15
5	Auxin-independent depletion of degron-tagged proteins by TIR1. MicroPublication Biology, 2020, 2020, .	0.1	11
6	Remodeling of the Caenorhabditis elegans non-coding RNA transcriptome by heat shock. Nucleic Acids Research, 2019, 47, 9829-9841.	14.5	22
7	RNA interference may result in unexpected phenotypes in Caenorhabditis elegans. Nucleic Acids Research, 2019, 47, 3957-3969.	14.5	19
8	miRNA Targeting: Growing beyond the Seed. Trends in Genetics, 2019, 35, 215-222.	6.7	179
9	Tales of Detailed Poly(A) Tails. Trends in Cell Biology, 2019, 29, 191-200.	7.9	138
10	Diversification of the Caenorhabditis heat shock response by Helitron transposable elements. ELife, 2019, 8, .	6.0	21
11	A rADAR defense against RNAi. Genes and Development, 2018, 32, 199-201.	5.9	3
12	Detection of microRNA-Target Interactions by Chimera PCR (ChimP). Methods in Molecular Biology, 2018, 1823, 153-165.	0.9	3
13	Opposing roles of microRNA Argonautes during Caenorhabditis elegans aging. PLoS Genetics, 2018, 14, e1007379.	3.5	42
14	Short poly(A) tails are a conserved feature of highly expressed genes. Nature Structural and Molecular Biology, 2017, 24, 1057-1063.	8.2	200
15	Making and Maintaining microRNAs in Animals. , 2017, , 1-17.		0
16	A sense-able microRNA. Genes and Development, 2016, 30, 2019-2020.	5.9	1
17	Pairing beyond the Seed Supports MicroRNA Targeting Specificity. Molecular Cell, 2016, 64, 320-333.	9.7	344
18	A tale of two sequences: microRNA-target chimeric reads. Genetics Selection Evolution, 2016, 48, 31.	3.0	19

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19	MicroRNAs: heralds of the noncoding RNA revolution. Rna, 2015, 21, 709-710.	3.5	11
20	Splicing remodels the let-7 primary microRNA to facilitate Drosha processing in Caenorhabditis elegans. Rna, 2015, 21, 1396-1403.	3.5	4
21	Period homolog LIN-42 regulates miRNA transcription to impact developmental timing. Worm, 2014, 3, e974453.	1.0	15
22	The Period protein homolog LIN-42 negatively regulates microRNA biogenesis in C. elegans. Developmental Biology, 2014, 390, 126-135.	2.0	24
23	Identification of miRNAs and Their Targets in C. elegans. Advances in Experimental Medicine and Biology, 2014, 825, 431-450.	1.6	8
24	Identifying Argonaute binding sites in Caenorhabditis elegans using iCLIP. Methods, 2013, 63, 119-125.	3.8	32
25	MicroRNA biogenesis: regulating the regulators. Critical Reviews in Biochemistry and Molecular Biology, 2013, 48, 51-68.	5.2	261
26	The primary target of let-7 microRNA. Biochemical Society Transactions, 2013, 41, 821-824.	3.4	8
27	MicroRNAs that interfere with RNAi. Worm, 2013, 2, e21835.	1.0	3
28	Multiple cis-elements and trans-acting factors regulate dynamic spatio-temporal transcription of let-7 in Caenorhabditis elegans. Developmental Biology, 2013, 374, 223-233.	2.0	21
29	Functional Genomic Analysis of the let-7 Regulatory Network in Caenorhabditis elegans. PLoS Genetics, 2013, 9, e1003353.	3.5	43
30	Birthing histone mRNAs by CSR-1 section. EMBO Journal, 2012, 31, 3790-3791.	7.8	1
31	Let's Make It Happen. Current Topics in Developmental Biology, 2012, 99, 1-30.	2.2	53
32	The miR-35-41 Family of MicroRNAs Regulates RNAi Sensitivity in Caenorhabditis elegans. PLoS Genetics, 2012, 8, e1002536.	3.5	37
33	MicroRNAs and their targets: recognition, regulation and an emerging reciprocal relationship. Nature Reviews Genetics, 2012, 13, 271-282.	16.3	1,406
34	A team effort blocks the ribosome in its tracks. Nature Structural and Molecular Biology, 2012, 19, 133-134.	8.2	3
35	Autoregulation of microRNA biogenesis by let-7 and Argonaute. Nature, 2012, 486, 541-544.	27.8	203
36	Small non-coding RNAs mount a silent revolution in gene expression. Current Opinion in Cell Biology, 2012, 24, 333-340.	5.4	113

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37	Analysis of microRNA Expression and Function. Methods in Cell Biology, 2011, 106, 219-252.	1.1	66
38	Comprehensive Identification of miRNA Target Sites in Live Animals. Methods in Molecular Biology, 2011, 732, 169-185.	0.9	7
39	LIN-28 co-transcriptionally binds primary let-7 to regulate miRNA maturation in Caenorhabditis elegans. Nature Structural and Molecular Biology, 2011, 18, 302-308.	8.2	129
40	Comprehensive discovery of endogenous Argonaute binding sites in Caenorhabditis elegans. Nature Structural and Molecular Biology, 2010, 17, 173-179.	8.2	279
41	MicroRNA assassins: factors that regulate the disappearance of miRNAs. Nature Structural and Molecular Biology, 2010, 17, 5-10.	8.2	233
42	Paring MiRNAs Through Pairing. Science, 2010, 328, 1494-1495.	12.6	13
43	A genome wide view of hunchback-like-1 targets. Cell Cycle, 2010, 9, 227-232.	2.6	0
44	Regulation of lin-4 miRNA expression, organismal growth and development by a conserved RNA binding protein in C. elegans. Developmental Biology, 2010, 348, 210-221.	2.0	24
45	Uncoupling of <i>lin-14</i> mRNA and protein repression by nutrient deprivation in <i>Caenorhabditis elegans</i>. Rna, 2009, 15, 400-405.	3.5	21
46	MicroRNA silencing through RISC recruitment of eIF6. Nature, 2007, 447, 823-828.	27.8	433
47	The evolving role of microRNAs in animal gene expression. BioEssays, 2006, 28, 449-452.	2.5	38
48	MicroRNAs: A small contribution from worms. , 2005, , 69-83.		0
49	Functional Genomic Analysis of RNA Interference in C. elegans. Science, 2005, 308, 1164-1167.	12.6	266
50	MicroRNAs: a developing story. Current Opinion in Genetics and Development, 2005, 15, 200-205.	3.3	296
51	Regulation by let-7 and lin-4 miRNAs Results in Target mRNA Degradation. Cell, 2005, 122, 553-563.	28.9	1,219
52	Trans-splicing and polyadenylation of let-7 microRNA primary transcripts. Rna, 2004, 10, 1586-1594.	3.5	145
53	MicroRNA-responsive 'sensor' transgenes uncover Hox-like and other developmentally regulated patterns of vertebrate microRNA expression. Nature Genetics, 2004, 36, 1079-1083.	21.4	411
54	Expression of the 22 nucleotide let-7 heterochronic RNA throughout the Metazoa: a role in life history evolution?. Evolution & Development, 2003, 5, 372-378.	2.0	130

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55	Coordinate regulation of small temporal RNAs at the onset of Drosophila metamorphosis. Developmental Biology, 2003, 259, 1-8.	2.0	110
56	The C. elegans hunchback Homolog, hbl-1, Controls Temporal Patterning and Is a Probable MicroRNA Target. Developmental Cell, 2003, 4, 639-650.	7.0	326
57	Control of Developmental Timing by MicroRNAs and Their Targets. Annual Review of Cell and Developmental Biology, 2002, 18, 495-513.	9.4	304
58	MicroRNAs: deviants no longer. Trends in Genetics, 2002, 18, 171-173.	6.7	76
59	A Cellular Function for the RNA-Interference Enzyme Dicer in the Maturation of the <i>let-7</i> Small Temporal RNA. Science, 2001, 293, 834-838.	12.6	2,450
60	Genes and Mechanisms Related to RNA Interference Regulate Expression of the Small Temporal RNAs that Control C. elegans Developmental Timing. Cell, 2001, 106, 23-34.	28.9	1,731
61	The 21-nucleotide let-7 RNA regulates developmental timing in Caenorhabditis elegans. Nature, 2000, 403, 901-906.	27.8	4,315
62	Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA. Nature, 2000, 408, 86-89.	27.8	2,167